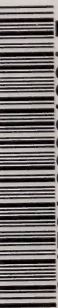
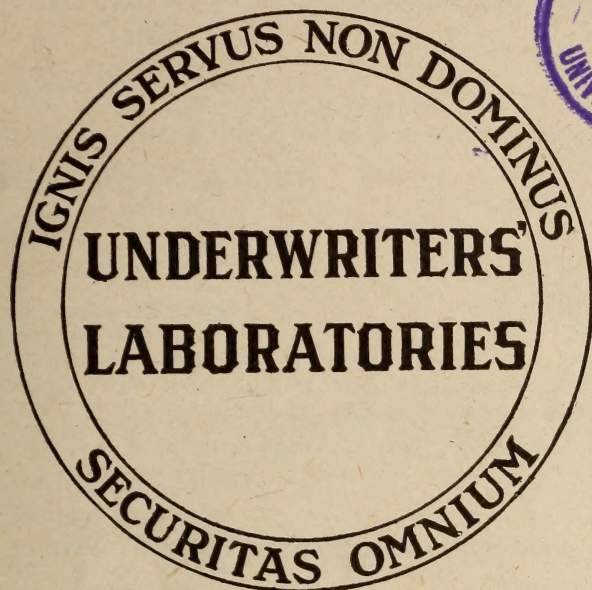


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INCORPORATED 1901
ESTABLISHED AND MAINTAINED BY THE
National Board of Fire Underwriters
FOR SERVICE—NOT PROFIT

Principal Office and Testing Station
207 E. Ohio St., Chicago

January, 1922
SUPPLEMENT TO JULY, 1921

LIST
OF
INSPECTED MECHANICAL APPLIANCES

If a manufacturer's name appears in the July, 1921, List and in this Supplement, listing is, unless otherwise stated, an addition to, or a revision of the July, 1921, List.

ACETYLENE BLOWPIPES OR TORCHES FOR WELDING AND CUTTING

See also page 3, July, 1921, List.
Fire and Accident.—Label Service.

Carbic Mfg. Co., Duluth, Minn. Welding blowpipe.

Weldit Acetylene Co., Detroit, Mich. Welding and cutting blowpipes.

ACETYLENE GENERATORS

See also page 4, July, 1921, List.

LIGHTING

Class A

Stationary Automatic Apparatus

Fire.—Reexamination Service.

Colt Pit. Colt Co., J. B., New York, N. Y.

Colt "Model U-100" Pit. Colt Co., J. B., New York, N. Y.

Suitable for use when installed in the ground, 30 ft. from building where possible, but never less than 10 ft. removed, and so as not to expose openings into buildings. They must be protected against freezing.

WELDING AND CUTTING

Class B (Medium Pressure)

Stationary Automatic Apparatus for Acetylene Pressures Not to Exceed 15 Lb. per Sq. In.

Fire.—Reexamination Service.

Imperial, Type A. Imperial Brass Mfg. Co., The, Chicago, Ill.

ACETYLENE LAMPS

Fire.—Reexamination Service.

Colt. Colt Co., J. B., New York, N. Y.

Protected acetylene light equipped with friction ignitor and mounted on standard gas piping. Intended for use in barns and similar places. Protection consists of globe, screens, and wire guard. Trade name "COLT" stamped on canopy.

CLEANING FLUIDS

See also page 8, July, 1921, List.

Non-Combustible and Non-Flammable

Fire.—Label Service.

Safandshur. Safandshur Chemical Co., New York, N. Y.

CLEANING MATERIALS

Fire.—Reexamination Service.

Oakley Chemical Co., New York, N. Y.

"Oakite." Consists essentially of powdered mineral ingredients, alkaline in aqueous solution. To be dissolved in water and used as a cleaning medium for certain kinds of industrial cleaning work, including metals, textile fabrics, and miscellaneous materials. Designed to supplant gasoline, benzine, and other flammable materials used for such purposes.

COLLOIDAL FUEL

Fire.—Reexamination Service.

Bates, Lindon W., New York, N. Y.

A composite liquid, consisting of an oil, a liquid hydrocarbon and pulver-

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ized coal or coke. Specific gravity 1.07 at 60° F. (15.5° C). Flash point (open cup) 266° F. (130° C).

The product is an atomizable fuel, and is relatively stable but slowly separates, on standing, into liquid and solid material and should not be used after four months' standing unless mechanical means are employed to renew the so-called colloidal state. It becomes viscous or non-flowing at temperatures 13° F. below zero (minus 25° C).

Rate of hazard is between 20 and 25 as determined by Underwriters' Laboratories' schedule for classification in which

Ether rates	100
Gasolene rates	90-100
Turpentine rates	40- 50
Kerosene rates	30- 40
Paraffin oil (flash point 440°) rates.....	10- 20

CORK BOARDS

Fire.—Reexamination Service.

Armstrong Cork & Insulation Co., Pittsburgh, Pa.

"Nonpareil." Boards supplied in 12 by 36 in. pieces, 2, 2½, 3 and 4 in. thick.

COUPLINGS

See also page 10, July, 1921, List.

FIRE HOSE

Fire.—Reexamination Service.

National Fire Dept. Supply Co., Providence, R. I.

DISCHARGE DEVICES FOR HAZARDOUS LIQUIDS

See also page 11, July, 1921, List.

INSIDE

Hand Operated

Fire.—Label Service.

American Oil Pump & Tank Co., The, Cincinnati, O.

Vertical single-acting pumps; cylinder capacities: 5 gal. Model D and Cut No. 104.

Dayton Pump & Mfg. Co., Dayton, O.

Vertical, single-acting piston pumps, cylinder capacity: 5 gal. Cut No. 50.

Peerless Safety Can & Device Mfg. Co., Chicago, Ill.

Vertical single-acting, single and double cylinder pumps; cylinder capacities less than 1 gal., Cut Nos. 1 and 2.

Tokheim Oil Tank & Pump Co., Fort Wayne, Ind.

Vertical single or double-acting pumps, cylinder capacities; less than 1 gal. Cut Nos. 103 and 108.

OUTSIDE

Hand Operated

Fire.—Label Service.

American Oil Pump & Tank Co., The, Cincinnati, O.

Vertical single or double-acting pumps, surmounted by a protected 5 (U. S.) gal. glass cylinder. Liquid raised by hand pump into glass measuring compartment from which it is delivered by gravity. Locking device automatically drains the glass measuring compartment. Cut 201, Cut 204, and Model DU.

STANDARD.—When overflow pipe is connected by full-sized untrapped pipe to underground storage tank.

Dayton Pump & Mfg. Co., The, Dayton, O.

Vertical single-acting pump, surmounted by a protected 5 (U. S.) gal. glass cylinder. Liquid raised by pump into glass measuring cylinder from which it is delivered by gravity. Closing and locking device automatically drains glass cylinder. Cuts 25-V and 12-V.

STANDARD.—When overflow pipe is connected by full-sized untrapped pipe to underground storage tank.

Milwaukee Tank Works, Milwaukee, Wis.

Vertical, single-acting, single cylinder pumps. Cylinder capacity: Less

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than 1 gal., Type 37 and 48; 5 gal., Type 36. Each pump equipped with a visible indicator.

St. Louis Pump & Equipment Co., St. Louis, Mo.

Iron pedestal surmounted by protected 5 (U. S.) gal. glass cylinder. Pedestal encloses hand-operated rotary plunger pump and necessary control apparatus. Gasoline raised by pump into glass measuring compartment from which it is delivered by gravity. Locking the device automatically drains glass cylinder. Fig. 402.

STANDARD.—When overflow pipe is connected by full-sized untrapped pipe to underground storage tank.

Power Operated

Fire.—Label Service.

Ideco, Inc., Springfield, Ill.

Iron pedestal surmounted by two protected 5 (U. S.) gal. glass bottles. Pedestal encloses necessary control apparatus. Separate electric motor-operated piston pump used to produce vacuum in measuring bottles. Liquid is drawn by vacuum into measuring bottles from which it is discharged by gravity. Device cannot be locked until valves are set in drain position.

STANDARD.—When discharge opening of vacuum pumps, which may be installed inside or outside of building, is connected by untrapped pipe to underground storage tank.

Milwaukee Tank Works, Milwaukee, Wis.

Iron pedestal surmounted by protected 5 (U. S.) gal. glass cylinder. Pedestal encloses electric motor-operated rotary pump and necessary control apparatus. Liquid raised by pump into glass measuring cylinder from which it is delivered by gravity. Locking the device automatically drains glass cylinder. Type 58.

STANDARD.—When overflow pipe is connected by full-sized untrapped pipe to underground storage tank.

Springfield Mfg. Co., Springfield, Ill.

Iron pedestal surmounted by two protected 5 (U. S.) gal. glass cylinders. Pedestal encloses necessary control apparatus. Separate electric motor-operated piston pump used to produce vacuum in cylinders. Liquid is drawn by vacuum into measuring cylinders from which it is discharged by gravity. Closing and locking pedestal automatically drains glass cylinders. Model D12-54. Type 5-1.

STANDARD.—When discharge opening of vacuum pump, which may be installed inside or outside building, is connected by untrapped pipe to underground storage tank.

St. Louis Pump & Equipment Co., St. Louis, Mo.

Iron pedestal surmounted by protected 5 (U. S.) gal. glass cylinder. Pedestal encloses electric motor-operated rotary plunger pump and necessary control apparatus. Gasoline raised by pump into glass measuring compartment from which it is delivered by gravity. Locking the device automatically drains glass cylinder. Fig. 402.

STANDARD.—When overflow is connected by full-sized untrapped pipe to underground storage tank.

DISCHARGING SYSTEM FOR AMMONIA PLANTS, EMERGENCY

Fire and Accident.—Reexamination Service.

Emergency Devices Corporation, The, New York, N. Y.

Consists of special form of water-operated ejector together with conduit, cable and pull boxes. Ejector designed for discharging ammonia from ammonia refrigerating and ice-making plants to sewer in cases of emergency or fire. At least two control boxes provided, one located outside of building for use by Fire Department, others located inside of building at convenient points of operation. Discharging device itself made in two sizes: No. 1 for systems up to 24 tons capacity; No. 2 for systems up to 166 tons capacity; two or more of No. 2 size used for systems larger than 166 tons.

DOUGHNUT MACHINES

Fire.—Reexamination Service.

Display Doughnut Machine Corp., New York, N. Y.

Motor operated device for frying doughnuts in oil which is maintained

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at required temperature by immersed hermetically sealed electric heating units. Fumes are carried away through blower pipe. Model B.

STANDARD.—When installed and maintained in accordance with the requirements of the Inspection Department having jurisdiction (see Sections 184 and 179 of Building Code recommended by National Board of Fire Underwriters, 4th Edition, 1920).

Jarvis Corp., The, Chicago, Ill.

Motor operated device for frying doughnuts in oil which is maintained at required temperature by gas burners under the oil pan. Fumes are carried away through blower pipe. This device is known as Model "B." Letter "B" prefix of serial number on name plate.

STANDARD.—When installed and maintained in accordance with the requirements of the Inspection Department having jurisdiction (see Sections 184 and 179 of Building Code recommended by National Board of Fire Underwriters, 4th Edition, 1920).

ELECTRIC LIGHTING PLANTS

See also page 16, July, 1921, List.

Gasolene-Engine-Driven

Fire.—Reexamination Service.

Lalley Light, Type HU. Lalley Light Corp., Detroit, Mich.

Generator rating: 1¼ kw., 32 volts.

FILL AND VENT FITTINGS

See also page 16, July, 1921, List.

FOR USE WITH UNDERGROUND STORAGE TANKS

Combination

Fire.—Reexamination Service.

Beath & Son, Ltd., W. D., Toronto, Ontario, Can. Marking: "W. D. B."

Brown Sheet Iron & Steel Co., St. Paul, Minn. Marking: Brown Sheet Iron & Steel Co., St. Paul, Minn.

Gilbert & Barker Mfg. Co., Springfield, Mass. Marking: "T-75."

Kohler Co., Kohler, Wis. Marking: "A-1."

Oil Products Appliance Co., Maywood, Ill. Marking: "Opaco."

Peerless Safety Can & Device Mfg. Co., Chicago, Ill. Marking: Peerless.

Western Steel Products Co., Duluth, Minn. Marking: Proco.

Separate Fill Fittings

Fire.—Reexamination Service.

Beath & Son, Ltd., W. D., Toronto, Ontario, Can. Marking: "W. D. B."

Gilbert & Barker Mfg. Co., Springfield, Mass. Marking: "T-82."

FIRE ALARM.

See also page 19, July, 1921. List.

SYSTEMS

Automatic

Fire.—Label Service.

Fire Detecting Wire Corporation, New York, N. Y.

Type N C. closed circuit, local, interior system utilizing thermostats in form of fire-detecting wire. System provides for non-coded fire alarm signals on vibrating gongs with annunciator drop at panel. Heat from fire melts fusible core of fire-detecting wire, causing contact between core and sheath and actuating the system. Current supply from 20-volt primary or storage batteries.

These devices as sold by this manufacturer are standard, subject to the following conditions:

a. Inspection departments having jurisdiction to be consulted in all cases before installation.

b. Fire-detecting wire to be installed to comply as to location, distribution and spacing with requirements given below.

c. Wiring circuits, and all devices to comply in all respects with requirements for automatic fire alarm signal systems.

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Installation Requirements for Fire-Detecting Wire.

Fire-detecting wire to be installed to comply as to location, distribution and spacing with the following requirements:

1. Each circuit must consist of a continuous length of fire-detecting wire not exceeding 1,000 ft. in length.
2. Where necessary, fire-detecting wire must be protected against mechanical injury as may be required by Inspection Department having jurisdiction.
3. Lines of fire-detecting wire shall be so disposed throughout the area to be protected that they shall not be more than 10 ft. apart, and so that no point on the ceiling will be more than 5 ft. from the nearest point of fire-detecting wire.
4. Fire-detecting wire may be run either directly on ceilings, or on side walls, if fire-detecting wire is placed not more than 20 in. below ceiling, or on lower sides of timbers or projections. For risks equipped with automatic sprinklers, the fire-detecting wire shall be placed above the level of the sprinkler heads.

FIRE DOORS AND SHUTTERS

See also page 21, July, 1921, List.

SLIDING AND SWINGING TYPES

Tin-Clad Fire Doors with 3-Ply Wood Cores

Fire and Accident.—Label Service.

Brodie & Son, J., Detroit, Mich.

Canadian Rogers Sheet Metal & Roofing, Ltd., Winnipeg, Can.

Central Metal Products Corporation, The, College Point, N. Y.

Dominion Plumbing Co., Ltd., The, Fort William, Ont.

Donahue, James, Halifax, N. S.

Dreyer Metal Products Co., Pittsburgh, Pa.

Greenpoint Metal Covered Door Co., Brooklyn, N. Y.

Hoffman, Fred E., Bridgeport, Conn.

Kottcamp & Son, C. C., York, Pa.

Lowman Construction Corp., Elmira, N. Y.

Lyon-Carr Fire Door Co., Chicago, Ill.

McConnell, John S., Rochester, N. Y.

Michigan Fire Door Co., Detroit, Mich.

National Sash & Door Co., Inc., Brooklyn, N. Y.

Pierce Co., O. W., Olean, N. Y.

Steinberg & Sons, Newark, N. J.

Tinney Co., Walter H., Philadelphia, Pa.

COUNTERBALANCED TYPE

Steel Fire Doors

Fire.—Label Service.

Peele Co., The, Brooklyn, N. Y. Panel Counterbalanced. Pass Type.

Tin-Clad Fire Doors with 2-ply Wood Cores

Fire.—Label Service.

Peele Co., The, Brooklyn, N. Y. Panel Counterbalanced. Pass Type.

SWINGING TYPE ONLY

Hollow Metal Fire Doors

Standard hollow metal fire doors are substantial in construction, practical under most conditions, fairly easy to install, and permit the use of concealed hardware. Mounted on both sides of a fire wall, they furnish a high degree of resistance to fire and to transmission of heat for long periods of exposure. They resist fire streams well, are not liable to rapid deterioration under most conditions of service and are easy to maintain and operate.

LIMITATION: Swinging type—Single doors for openings not exceeding 3½ ft. in width nor 9 ft. in height, and doors in pairs for openings not exceeding 7 ft. in width nor 9 ft. in height, when equipped with standard fire door locks and heavy steel surface, butt or half-surface hinges spaced in a standard manner and mounted in standard fire door frames.

Fire and Accident.—Label Service.

Central Metal Products Corporation, The, College Point, N. Y.

Products of manufacturers labeled or listed as mentioned herein are not necessarily uniform in quality or merit, the labeling and listing indicating only compliance with Underwriters' Laboratories' Standards.

SWINGING TYPE

Hollow Metal Fire Doors

Fire.—Label Service.

National Steel Door Co., The, Chicago, Ill.

FIRE DOOR AND SHUTTER FRAMES

See also page 36, July, 1921, List.

Fire.—Label Service.

National Steel Door Co., The, Chicago, Ill.

Fire and Accident.—Label Service.

Central Metal Products Corporation, The, Canton, O., and College Point, N. Y.
Solar-Sturges Mfg. Co., Columbus, O.

FIRE EXTINGUISHERS

See also page 38, July, 1921, List.

HAND FIRE EXTINGUISHERS

1-QT. SIZE

Pump Type (Classification B-2; C-2)

Fire and Accident.—Label Service.

Buffalo Chemical Fire Extinguisher Co., Buffalo, N. Y.

1½-QT. SIZE

Pump Type (Classification B-2; C-2)

Fire and Accident.—Label Service.

Pyrene Mfg. Co., New York, N. Y.

FIRE WINDOW FRAMES

See also page 45, July, 1921, List.

HOLLOW METAL PATTERN

For Moderate Fire Exposure

Fire and Accident.—Label Service.

Lupton's Sons Co., David, Philadelphia, Pa.

Double Hung (Heavy Metal Type).

Zeller Co., Wm. F., Inc., Baltimore, Md.

Double Hung; Double Pivoted and Single Pivoted.

SOLID SECTION PATTERN

For Moderate Fire Exposure

Fire.—Label Service.

Bogert & Carlough Co., Paterson, N. J.

Stationary; Ventilator; single; multiple. Units not exceeding 7 by 12 ft.

Canadian Metal Window & Steel Products, Ltd., Toronto, Can.

Counterbalanced; single; multiple. Stationary; Ventilator; single; multiple.

Mesker Bros. Iron Co., St. Louis, Mo.

Stationary; Pivoted; Ventilator; single, multiple.

Solar-Sturges Mfg. Co., Columbus, O.

Stationary; Ventilator; single; multiple. Units not exceeding 5 by 9 ft.

Products of manufacturers labeled or listed as mentioned herein are not necessarily uniform in quality or merit, the labeling and listing indicating only compliance with Underwriters' Laboratories' Standards.

FIRE WINDOW MULLIONS

See also page 51, July, 1921, List.

SHEET METAL

Fire.—Label Service.

Perry & Christenson, San Diego, Calif.

Zeller Co., Wm. F., Inc., Baltimore, Md.

FITTINGS FOR ABOVE GROUND STORAGE TANKS

Fire.—Reexamination Service.

"Oceco." Oil Conservation Engineering Co., Cleveland, O.

Sheave brackets mounted on base plate to be riveted or welded to tank roof. Swing pipe cable passes over upper sheave through stuffing box on base plate, and is guided between two lower sheaves. For use on standard gas-tight steel roofed oil storage tanks.

"Oceco, Type 4347." Oil Conservation Engineering Co., The, Cleveland, O.

Self-closing and self-seating gauge and thief hole cover for oil storage tanks, made in 2, 4, 6, 8 and 10-in. sizes. Cast-iron body is provided with a beveled bronze ring in which heavy iron cover seats. Cover is raised by pressure of foot on lever attached, and falls into place when pressure is released.

FLOOR OILS

See also page 52, July, 1921, List.

Classed with Paraffin Oil

Fire.—Reexamination Service.

Holdust. Furman Company, San Antonio, Texas.

Oriental. Oriental Oil Co., Dallas, Texas.

Pennant. Pierce Oil Corporation, Texas City, Texas.

FURNACES, PIPELESS

Fire.—Reexamination Service.

Monitor Stove Co., The, Cincinnati, O.

"Caloric." Warm air furnace of the pipeless or single register type; coal, wood or oil used as fuel (see list for oil burners suitable for this use) intended for heating dwellings, stores, school houses, churches, etc., but not suitable for installation in garages, wood-working establishments and the like, where inflammable vapor and dust hazards might exist. Main furnace surrounded by double inner casing and single outer casing. Inner casing leads to circular part of register and outer casing to outer square part of register. Cold air is drawn through the outer portion of the register into space between inner and outer casing, is carried over heated portion of furnace and rises through the center section of the register.

Note.—This furnace is intended for use in buildings having free and open communication between all floors, that is, in buildings not constructed in accordance with the Building Code as recommended by the National Board of Fire Underwriters.

STANDARD.—When installed in accordance with Sections 179 and 180 of the Building Code, recommended by the National Board of Fire Underwriters, dated 1920.

GAS SHUT-OFF VALVE FITTINGS

Fire.—Reexamination Service.

Fire & Gas Appliance Co., New York, N. Y.

"Acme." Malleable iron elbows with brass roller and bearing pin for use with cable control of gas shut-off valves.

"Star" Cast iron handles for attachment to cable control of gas shut-off valves.

Phosphor bronze stranded cable $\frac{1}{8}$ -in. in diameter.

Installation should be made using standard $\frac{1}{2}$ -in. rigid conduit.

GASES

See also page 54, July, 1921, List.

Fire and Accident.—Label Service.

Burdett Oxygen Co. of Detroit, Detroit, Mich.

International Oxygen Co., Verona, Pa.

International Oxygen Co., Newark, N. J. Plant at Toledo, O.

Logansport Oxygen Co., The, Logansport, Ind.

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National Oxygen Co., Erie, Pa.
Ohio Electrolytic Oxygen Co., The, Cincinnati, O.
Universal Oxygen Co., Sheboygan, Wis.

GASOLENE

See also page 55, July, 1921, List.

Class A—Outside Carburetors

GAS MACHINES

Fire.—Reexamination Service.

Combination. Welded Steel Barrel Corp., The, Detroit, Mich.

VAPOR LAMPS—CLASS D

Pressure Feed—Portable Table Lamp

Fire.—Reexamination Service.

Wizard "NC." Nagel-Chase Mfg. Co., Chicago, Ill. Gasolene only.

Wizard "CN." Nagel-Chase Mfg. Co., Chicago, Ill. Kerosene generally used.

GYPSUM BLOCKS

See also page 59, July, 1921, List.

FOR CORRIDOR AND ROOM PARTITIONS. See also Partitions

Fire.—Reexamination Service.

Ebsary Gypsum Co., Inc., Rochester, N. Y. Factories at Garbutt, N. Y., Wheatland, N. Y., and Caledonia, Ont.

Circular cored pattern in standard sizes. Each block is marked with trade name "Ebsary" or "Alabastine."

HARDWARE

See also page 60, July, 1921, List.

Fire Door and Shutter

SLIDING TYPE

For Tin-Clad Fire Doors

Fire and Accident.—Label Service.

Capitol Art Metal Co., Inc., San Francisco, Calif.

Kortick Mfg. Co., San Francisco, Calif. Marking: "Falls A."

Lyon-Carr Fire Door Co., Chicago, Ill.

Security Fire Door Co., St. Louis, Mo.

SWINGING TYPE

For Tin-Clad Fire Doors

Fire and Accident.—Label Service.

Lyon-Carr Fire Door Co., Chicago, Ill.

Richards-Wilcox Canadian Co., Ltd., Ontario, Can.

Security Fire Door Co., St. Louis, Mo.

Locks for Single Swinging Doors

Fire and Accident.—Label Service.

Solar-Sturges Mfg. Co., Columbus, O.

SASH CHAINS

Fire.—Reexamination Service.

American Chain Co., Bridgeport, Conn.

Size Nos. 80, 100, 130 and 250 for sash weighing not more than 90, 120, 150 and 200 lb. respectively.

Smith & Egge Mfg. Co., The, Bridgeport, Conn.

Size Nos. 0, 2, 1, and A, for sash weighing not more than 80, 90, 150 and 200 lb. respectively.

HOSE

See also page 65, July, 1921, List.

Products of manufacturers labeled or listed as mentioned herein are not necessarily uniform in quality or merit, the labeling and listing indicating only compliance with Underwriters' Laboratories' Standards.

GASOLENE

Rubber

Fire.—Reexamination Service.

Indestructible. Canadian Consolidated Rubber Co., Ltd., Montreal, Can. $\frac{3}{4}$ and $1\frac{1}{4}$ in., 4-ply.

Security. United States Rubber Co., New York, N. Y. 1-in., 4-ply.

Rubber-Metal

Fire.—Reexamination Service.

Giant. United States Rubber Co., New York, N. Y. $\frac{3}{4}$ -in.

Highgrade. Mechanical Rubber Co., Cleveland, O. $\frac{3}{4}$ -in.

United. United Metal Hose Co., New York, N. Y. $\frac{3}{4}$, 1 and $1\frac{1}{4}$ -in.

FIRE HOSE

Rubber-Lined—For Public or Private Fire Department Use

Fire Department Cotton Rubber-Lined Hose: $1\frac{1}{2}$, 2, $2\frac{1}{2}$, 3 and $3\frac{1}{2}$ -in. sizes either single, double or triple jacketed.

Mill Yard Cotton Rubber-Lined Hose: $2\frac{1}{2}$ -in. size, single jacketed.

Rubber-Covered Cotton Rubber-Lined Mill Yard Hose: $1\frac{1}{2}$, 2 and $2\frac{1}{2}$ -in. sizes.

The above general information is a revision of that contained in the July, 1921, List.

Unlined—For Use Inside Buildings

Unlined fire hose made of flax line yarn bears labels reading "Unlined Linen Fire Hose."

Certain of the manufacturers listed below furnish Unlined Fire Hose made of flax tow yarn in the various sizes in which unlined linen fire hose made of flax line yarn is made. Such of this flax tow hose as is found suitable for use as an emergency substitute will bear labels reading "Unlined Fire Hose."

The above general information is a revision of that contained in the July, 1921, List.

INDICATOR POSTS

See also page 70, July, 1921, List.

Fire.—Reexamination Service.

Columbian Iron Works, Chattanooga, Tenn.

For use on underground valves on private fire service mains.

Target type with telescopic barrels. Targets adjustable for inside screw valves intended for underground work, requiring from 8 to 42 turns, inclusive, to open or close. Provision made for sealing and locking by means of hasp fitting into wrench handle slot.

KEROSENE

See also page 71, July, 1921, List.

HEATING SYSTEMS

Fire.—Reexamination Service.

Kleen Heat. Winslow Boiler & Engineering Co., Chicago, Ill.

Oil burner designed to burn kerosene oil, for installation in various types of hot-water heaters, steam boilers, and hot-air furnaces in localities where illuminating gas and alternating current are available. Standard—when fuel storage capacity conforms to local requirements and installation is made in accordance with requirements of inspection department having jurisdiction.

Lillibridge "Types 38-D and 68-D." Lillibridge Heating Corp., Hutchinson, Kas.

Manually-controlled oil vapor burner designed to burn kerosene and distillate of 36 to 40° Baume for installation in hot-water and steam boilers, and hot-air furnaces.

STANDARD.—When fuel storage capacity conforms to local requirements, and installation is made in accordance with requirements of Inspection Department having jurisdiction.

LAMPS

Portable, Table

Fire.—Reexamination Service.

"Aladdin, Model 10." Mantle Lamp Co. of America, The, Chicago, Ill.

Non-pressure, single-mantle, wick-fed, brass, kerosene table lamp.

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METERS

See also page 73, July, 1921, List.

Fire.—Reexamination Service.

Keystone. Pittsburgh Meter Co., East Pittsburgh, Pa.

Oscillating-disc type continuous-flow meter, for use in lines carrying hazardous liquids.

This device is standard when properly installed, with a suitable filter to prevent clogging the meter.

ROOF COVERINGS

See also page 78, July, 1921, List.

CLASS A

Built-Up

Asphalt and Asphalt-Impregnated Asbestos Felt Roof Coverings, Smooth Surfaced

Fire.—Label Service.

Carey Mfg. Co., The Philip, Cincinnati, O. 3 and 4-ply (three thicknesses). 3-ply limited to non-combustible roof decks.

CLASS B

Prepared

Asphalt-Impregnated Asbestos Felt Roof Coverings

Prepared type, smooth or grit surfaced. Assembled according to directions furnished. Flashings of same material or metal. Limited to combustible and non-combustible roof decks having inclines not exceeding 6 in. to ft. horizontal where nailed to decks and to inclines not exceeding 3 in. to ft. where cemented to the deck and not nailed.

Fire.—Label Service.

Johns-Manville, Inc., New York, N. Y. 2, 3 and 4-ply Flexitone.

Shingle

Asphalt-Impregnated Asbestos Felt Roof Coverings

Thatched type, grit surfaced. One or more thicknesses. Flashings and trimmings of same material as shingles or of metal. Assembled according to directions furnished. Limited to combustible and non-combustible roof decks capable of receiving and retaining nails, and to inclines exceeding 4 in. to ft. horizontal.

Fire.—Label Service.

Johns-Manville, Inc., New York, N. Y. Shingle and slab.

National Asbestos Mfg. Co., Jersey City, N. J. Slab.

CLASS C

Prepared

Fire.—Label Service.

American Asphalt Roof Corp., Kansas City, Mo.

Wilberite Roofing Co., The, Cleveland, O.

Shingle

Asphalt-Rag-Felt Shingle Roof Coverings

Thatched type, grit surfaced. One or more thicknesses. Flashings and trimmings of same material as shingles or of metal. Assembled according to directions furnished. Limited to combustible and non-combustible roof decks capable of receiving and retaining nails, and to inclines exceeding 4 in. to ft. horizontal.

Fire.—Label Service.

American Asphalt Roof Corp., Kansas City, Mo. Shingle and slab.

Barrett Co., The, New York, N. Y. Shingle and slab.

Oertal Roofing Mfg. Co., East St. Louis, Ill. Shingle and shingle slab.

Wilberite Roofing Co., The, Cleveland, O. Shingle, slab, and shingle strip.

SAFES

See also page 83, July, 1921, List.

Class A

Fire.—Label Service.

Art Metal Construction Co., Jamestown, N. Y.

Products of manufacturers labeled or listed as mentioned herein are not necessarily uniform in quality or merit, the labeling and listing indicating only compliance with Underwriters' Laboratories' Standards.

Class B

Fire.—Label Service.

Library Bureau, Ilion, N. Y.

Macey Co., The, Grand Rapids, Mich.

Office Specialty Mfg. Co., The, New Market, Ontario, Can.

Class C

Fire.—Label Service.

Globe-Wernicke Co., The, Chicago, Ill.

Shaw-Walker Co., The, Muskegon, Mich.

SAFETY CANS

See also page 84, July, 1921, List.

Fire and Accident.—Label Service.

Peerless Safety Can & Device Mfg. Co., Chicago, Ill.

SIGHT DRAINS

See also page 85, July, 1921, List.

Fire.—Reexamination Service.

Globe Automatic Sprinkler Co., The, Philadelphia, Pa.

"Globe." Special-closed type. $\frac{3}{4}$ by $\frac{1}{2}$ -in. size.

Ordinary-closed type, without the brass orifice members— $\frac{1}{2}$, $\frac{1}{2}$ by $\frac{3}{4}$, $\frac{3}{4}$, $1\frac{1}{2}$ and 2-in. sizes.

SPRINKLER GUARDS

See also page 85, July, 1921, List.

Fire.—Label Service (Die Label Service).

Electro-Weld Co., Marlboro, Mass.

Rockwood Sprinkler Co., Worcester, Mass.

SPRINKLERS

See also page 86, July, 1921, List.

AUTOMATIC

Fire and Accident.—Inspection Service.

For Ordinary Service

Automatic Sprinkler Co. of America, Executive Offices, New York, N. Y.; department offices in all sections of the United States. Factory at Youngstown, O.

Automatic, Issue A.

Central Automatic Sprinkler Co., Chicago, Ill.

Central, Issue A.

C. S. B. Co., The, Boston, Mass.

SWEEPING COMPOUNDS

See also page 89, July, 1921, List.

Class 3 (Slow Burning)

Fire and Accident.—Reexamination Service.

Holdust. Furman Company, San Antonio, Texas.

Texa-Sweep. Dallas Paper Co., Dallas, Texas.

TANKS FOR HAZARDOUS LIQUIDS

See also page 90, July, 1921, List.

PORTABLE (50 to 60 Gal.)

Fire.—Label Service.

Peerless Safety Can & Device Mfg. Co., Chicago, Ill.

Tokheim Oil Tank & Pump Co., Fort Wayne, Ind. Cut No. 214.

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UNDERGROUND STORAGE

Fire.—Label Service.

All Metals Welding & Mfg. Co., Baltimore, Md. Welded tanks.
Beath & Son, Ltd., W. D., Toronto, Ont. Welded tanks.
Beckley Perforating Co., Garwood, N. J. Welded tanks.
Canadian John Wood Mfg. Co., Ltd., Toronto, Ont. Welded tanks.
Holan Metal Products Co., The, Cleveland, O. Welded tanks.
Ideal Welding Co., Cincinnati, O. Welded tanks.
McCarter Iron Works, The, Norristown, Pa. Welded or riveted tanks.
New York Central Iron Works Co., Inc., Hagerstown, Md. Riveted tanks and welded tanks.
Novelty Steam Boiler Works Co., The, Baltimore, Md. Welded tanks.
Peerless Safety Can & Device Mfg. Co., Chicago, Ill. Riveted tanks.
Oil Products Appliance Co., Maywood, Ill. Welded tanks.
Steel Trough & Machine Co., The, Tweed, Ontario, Can. Welded tanks.
Struthers-Wells Co., Warren, Pa. Welded tanks and riveted tanks.
Western Blower Co., Seattle, Wash. Welded tanks.
Whiting Welding & Tank Works, Whiting, Ind. Welded tanks.
Wollaston Foundry Co., Inc., Quincy, Mass. Welded tanks.

THERMOSTATS

See also page 92, July, 1921, List.

Fire.—Label Service.

Automatic Fire Alarm Co., New York, N. Y.

"Watkins." Thermostats for automatic fire alarm systems. They are of open-contact fixed temperature type and operate by differential expansion of metals.

TURPENTINE SUBSTITUTES

See also page 94, July, 1921, List.

Fire.—Reexamination Service.

Sun Company, Toledo, O.

"Sunoco Spirits." Specific gravity at 15.5° C. (60° F.) 0.784. Flash point (Tagliabue closed cup tester) 41° C. (105.8° F.).

UNIONS

See also page 95, July, 1921, List.

Fire.—Reexamination Service.

Excel, Providence Fittings Co., Boston, Mass.

VALVES

See also page 95, July, 1921, List.

CHECK

Fire.—Reexamination Service.

Renssalaer Valve Co., The, Troy, N. Y.

Six-inch iron body check valve. Gravity operated horizontal valve of the swing check type and the bronze fitted, flanged screwed and hub-end pattern.

Intended for use in pipe equipments designed for extinguishing fire where the working pressure does not exceed 150 lb. per sq. in. Hub end pattern is used for underground pipe systems.

DRY PIPE

Fire.—Reexamination Service.

Globe Automatic Sprinkler Co., Philadelphia, Pa.

Globe, Model B. 6-in. size.

International Sprinkler Co., New York, N. Y.

International, Model 5. 6-in. size.

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GATE

Fire.—Reexamination Service.

Columbian Iron Works, Chattanooga, Tenn.

Manually operated shut-off valves of the double disc parallel seat gate type and the flanged end outside screw and yoke, and hub or flange end inside screw indicator post patterns. Made in sizes from 2½ to 14 in. inclusive.

Intended for use in pipe equipments designed for extinguishing fire where the working pressure does not exceed 150 lb. per sq. in. The O. S. and Y. and the inside screw indicator post valves are intended for use above ground and in underground equipments respectively.

HAZARDOUS LIQUID

Fire.—Reexamination Service.

Buckeye Iron & Brass Works, Dayton, O.

Globe valve, Type G.

Detroit Lubricator Co., Detroit, Mich.

Globe valve, Type EF.

GAS SHUT-OFF AND PULL BOXES

See also page 96, July, 1921, List.

Fire.—Label Service.

Fire & Gas Appliance Co., New York, N. Y.

Manually-operated valves provided with operating attachments, closed by pull of handles, and enclosed in conveniently located, outside, pull boxes. Designed for use in emergency cases to shut off gas supply from buildings.

REDUCING

Fire and Accident.—Reexamination Service.

Weldit. Weldit Acetylene Co., Detroit, Mich.

WASTE CANS

See also page 100, July, 1921, List.

Fire.—Label Service.

Peerless Safety Can & Device Mfg. Co., Chicago, Ill.

WATER JAPAN

Fire.—Reexamination Service.

General Electric Co., Schenectady, N. Y.

"No. 821 Water Japan." Consists essentially of an emulsion of an asphaltic japan base in water. To be used by the manufacturer in japanning processes, enameling ovens, etc.

The hazardous properties of the product are judged to be relatively small, the rate of hazard being between 0 and 10 as determined by Underwriters' Laboratories' Schedule for classification, in which

Ether rates	100
Gasolene rates	90-100
Turpentine rates	40-50
Kerosene rates	30-40
Paraffin oil rates.....	10-20

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